

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Gain(dBi)	EIRP/ERP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.93	3	25.93	33	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.16	3	25.16	33	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.31	3	26.31	33	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.13	3	26.13	33	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.1	3	26.1	33	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.28	3	25.28	33	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.38	3	26.38	33	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.35	3	26.35	33	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.16	3	26.16	33	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.27	3	25.27	33	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.15	3	26.15	33	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.07	3	26.07	33	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.01	3	25.01	33	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.33	3	24.33	33	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.92	3	24.92	33	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.16	3	25.16	33	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.22	3	25.22	33	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.24	3	24.24	33	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.52	3	25.52	33	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.15	3	25.15	33	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.3	3	25.3	33	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.36	3	24.36	33	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.35	3	25.35	33	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.22	3	25.22	33	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.01	3	26.01	33	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.46	3	25.46	33	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.23	3	26.23	33	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.31	3	26.31	33	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.13	3	26.13	33	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.36	3	25.36	33	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.67	3	26.67	33	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.17	3	26.17	33	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.22	3	26.22	33	PASS

Band7	10MHz	QPSK	21400	50RB#0	22.35	3	25.35	33	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.43	3	26.43	33	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.35	3	26.35	33	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.18	3	25.18	33	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.52	3	24.52	33	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.87	3	25.87	33	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.34	3	25.34	33	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.16	3	25.16	33	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.38	3	24.38	33	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.73	3	25.73	33	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.12	3	25.12	33	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.47	3	25.47	33	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.33	3	24.33	33	PASS
Band7	10MHz	16QAM	21400	1RB#24	23.39	3	26.39	33	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.48	3	25.48	33	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.94	3	25.94	33	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.39	3	25.39	33	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.13	3	26.13	33	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.23	3	26.23	33	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.24	3	26.24	33	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.33	3	25.33	33	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.38	3	26.38	33	PASS
Band7	15MHz	QPSK	21100	1RB#74	23.28	3	26.28	33	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.15	3	26.15	33	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.27	3	25.27	33	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.07	3	26.07	33	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.83	3	25.83	33	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.17	3	25.17	33	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.47	3	24.47	33	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.34	3	25.34	33	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.35	3	25.35	33	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.47	3	25.47	33	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.24	3	24.24	33	PASS
Band7	15MHz	16QAM	21100	1RB#38	23.16	3	26.16	33	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.4	3	25.4	33	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.34	3	25.34	33	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.29	3	24.29	33	PASS
Band7	15MHz	16QAM	21375	1RB#38	22.31	3	25.31	33	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.36	3	25.36	33	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.02	3	26.02	33	PASS

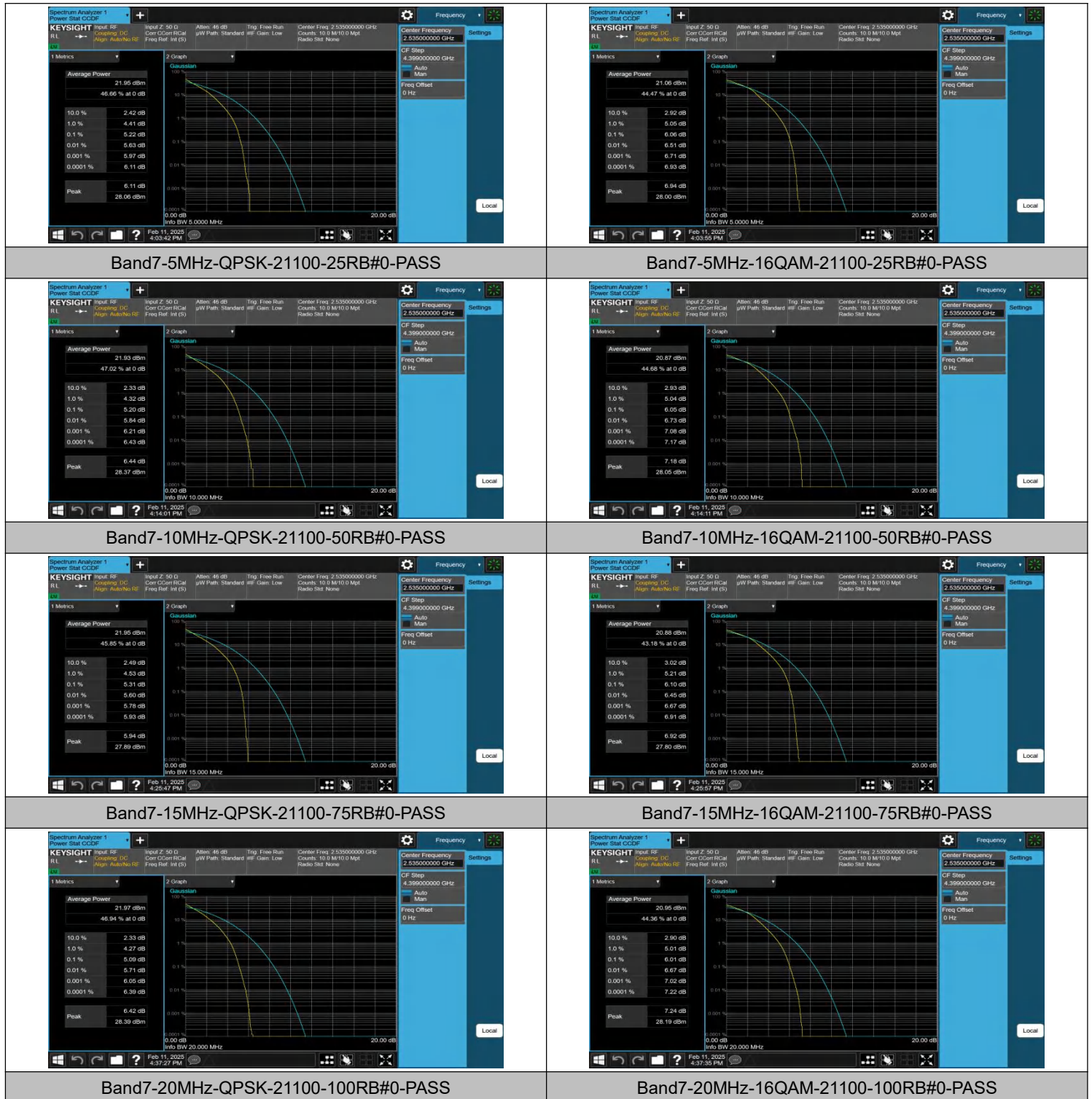
Band7	20MHz	QPSK	20850	100RB#0	22.35	3	25.35	33	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.78	3	26.78	33	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.96	3	25.96	33	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.09	3	26.09	33	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.29	3	25.29	33	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.36	3	26.36	33	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.1	3	26.1	33	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.9	3	25.9	33	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.38	3	25.38	33	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.56	3	26.56	33	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.02	3	26.02	33	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.19	3	25.19	33	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.31	3	24.31	33	PASS
Band7	20MHz	16QAM	20850	1RB#49	23.03	3	26.03	33	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.16	3	25.16	33	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.87	3	25.87	33	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.46	3	24.46	33	PASS
Band7	20MHz	16QAM	21100	1RB#49	23.25	3	26.25	33	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.74	3	25.74	33	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.08	3	25.08	33	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.41	3	24.41	33	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.48	3	25.48	33	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.15	3	25.15	33	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	21100	25RB#0	5.22	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.06	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.20	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.05	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.31	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.10	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.09	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.01	13	PASS

Test Graphs



26dB Bandwidth and Occupied Bandwidth

Test Result

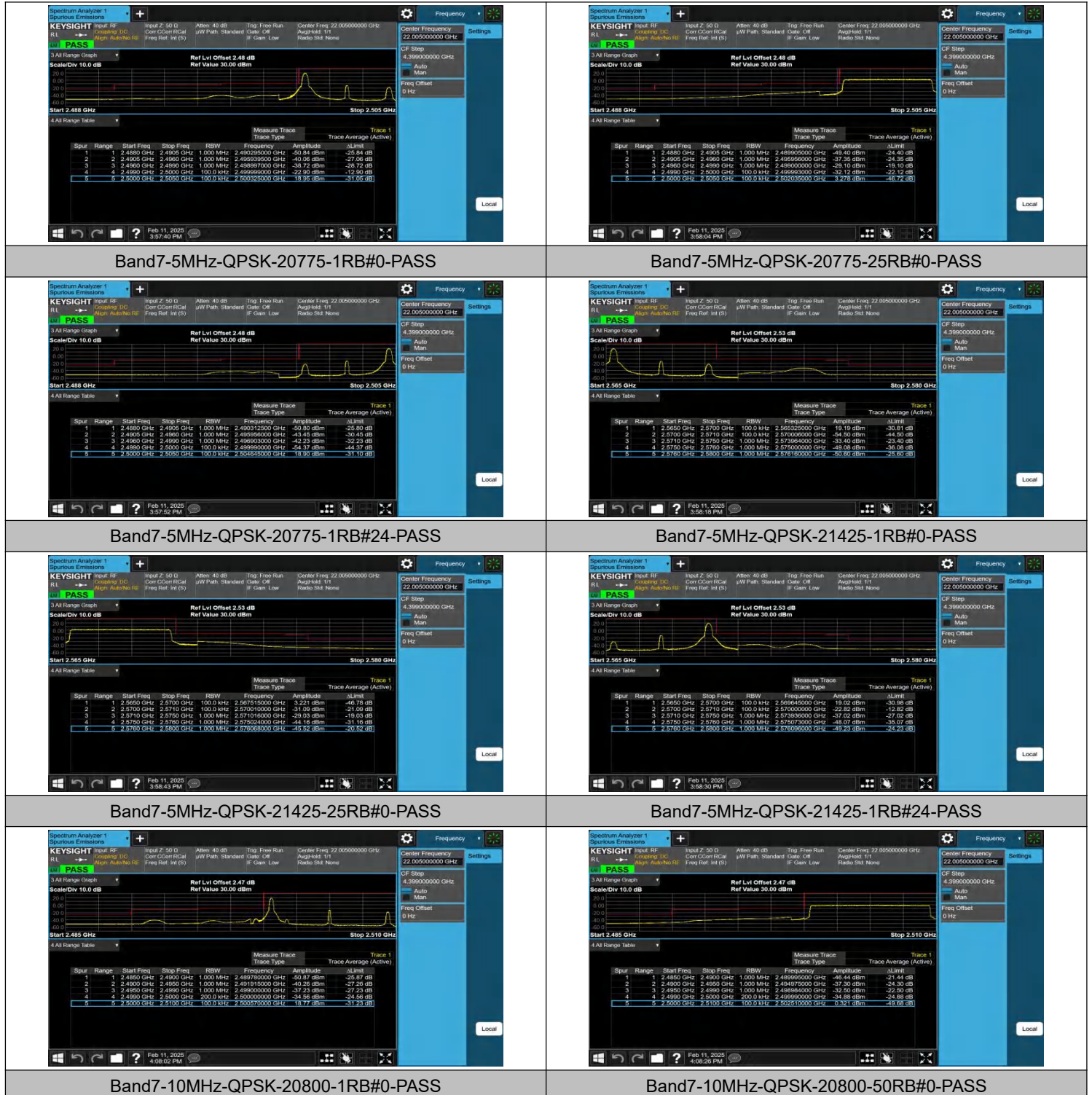
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	21100	25RB#0	4.5108	5.012	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5035	4.975	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9798	9.913	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9519	9.851	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.437	14.76	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.464	14.76	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.919	19.53	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.933	19.52	PASS

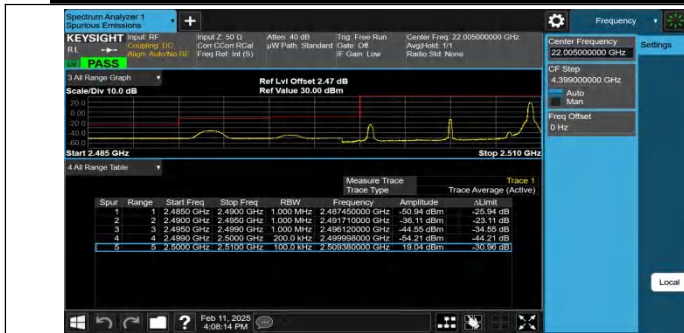
Test Graphs



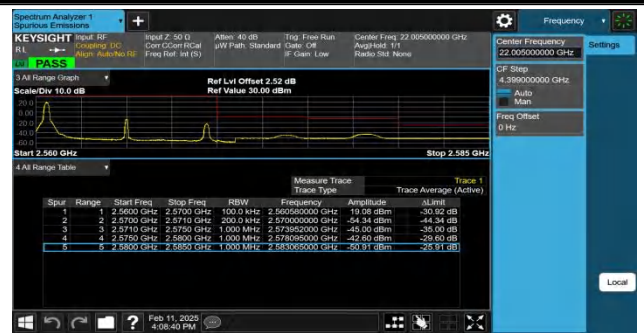
Band Edge

Test Graphs





Band7-10MHz-QPSK-20800-1RB#49-PASS



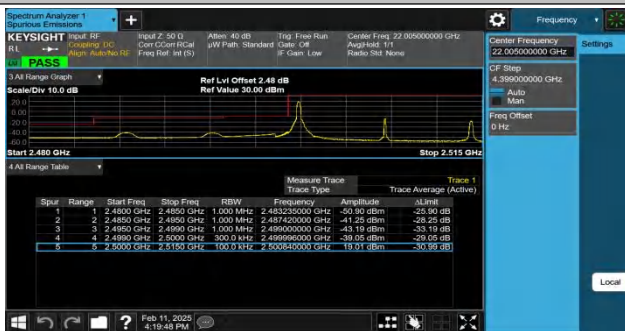
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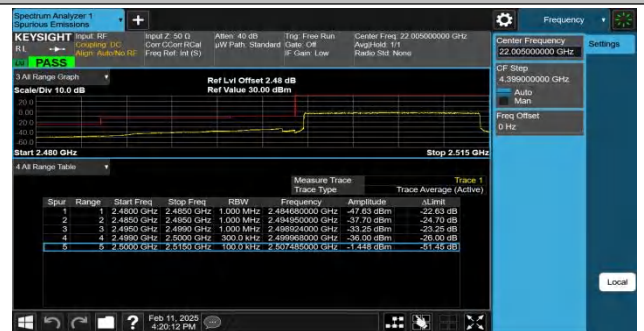
Band7-10MHz-QPSK-21400-50RB#0-PASS



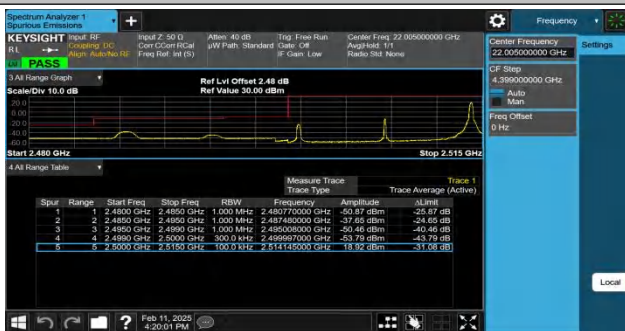
Band7-10MHz-QPSK-21400-1RB#49-PASS



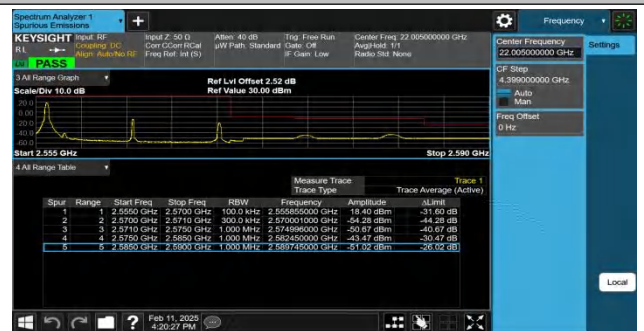
Band7-15MHz-QPSK-20825-1RB#0-PASS



Band7-15MHz-QPSK-20825-75RB#0-PASS



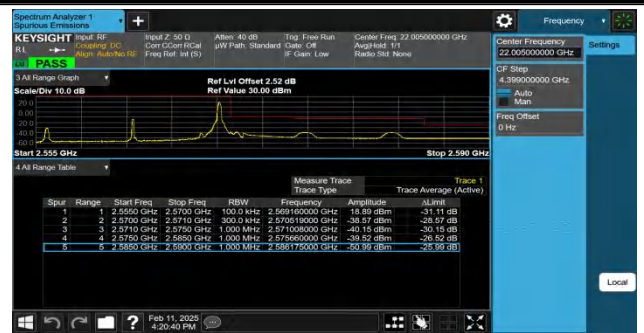
Band7-15MHz-QPSK-20825-1RB#74-PASS



Band7-15MHz-QPSK-21375-1RB#0-PASS



Band7-15MHz-QPSK-21375-75RB#0-PASS



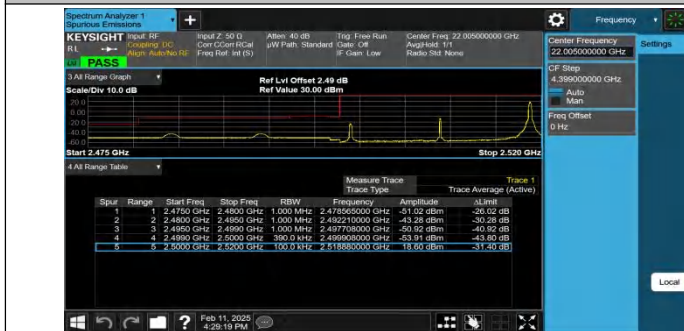
Band7-15MHz-QPSK-21375-1RB#74-PASS



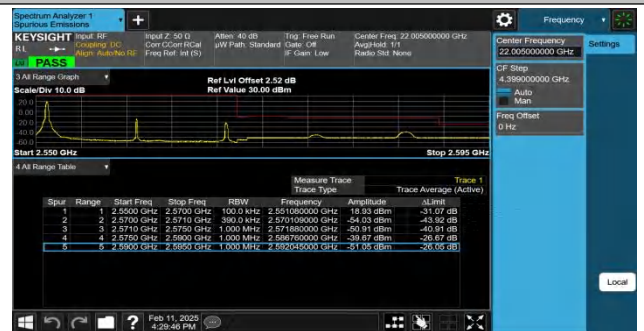
Band7-20MHz-QPSK-20850-1RB#0-PASS



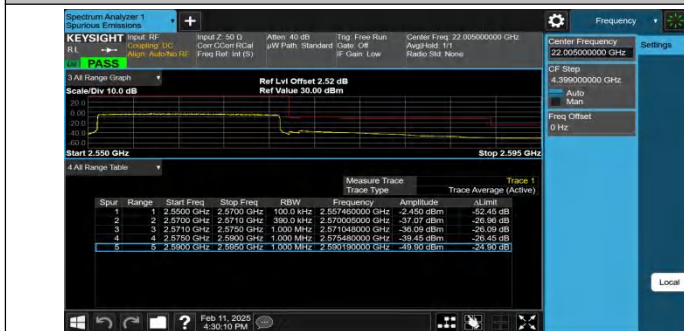
Band7-20MHz-QPSK-20850-100RB#0-PASS



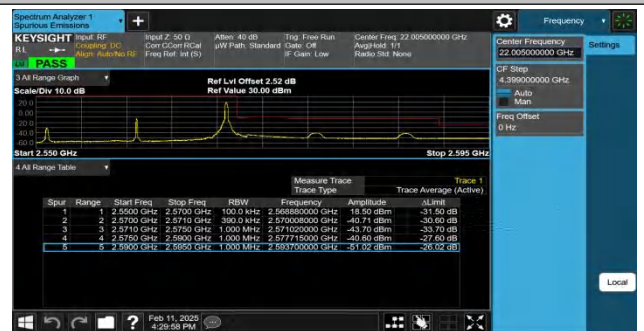
Band7-20MHz-QPSK-20850-1RB#99-PASS



Band7-20MHz-QPSK-21350-1RB#0-PASS



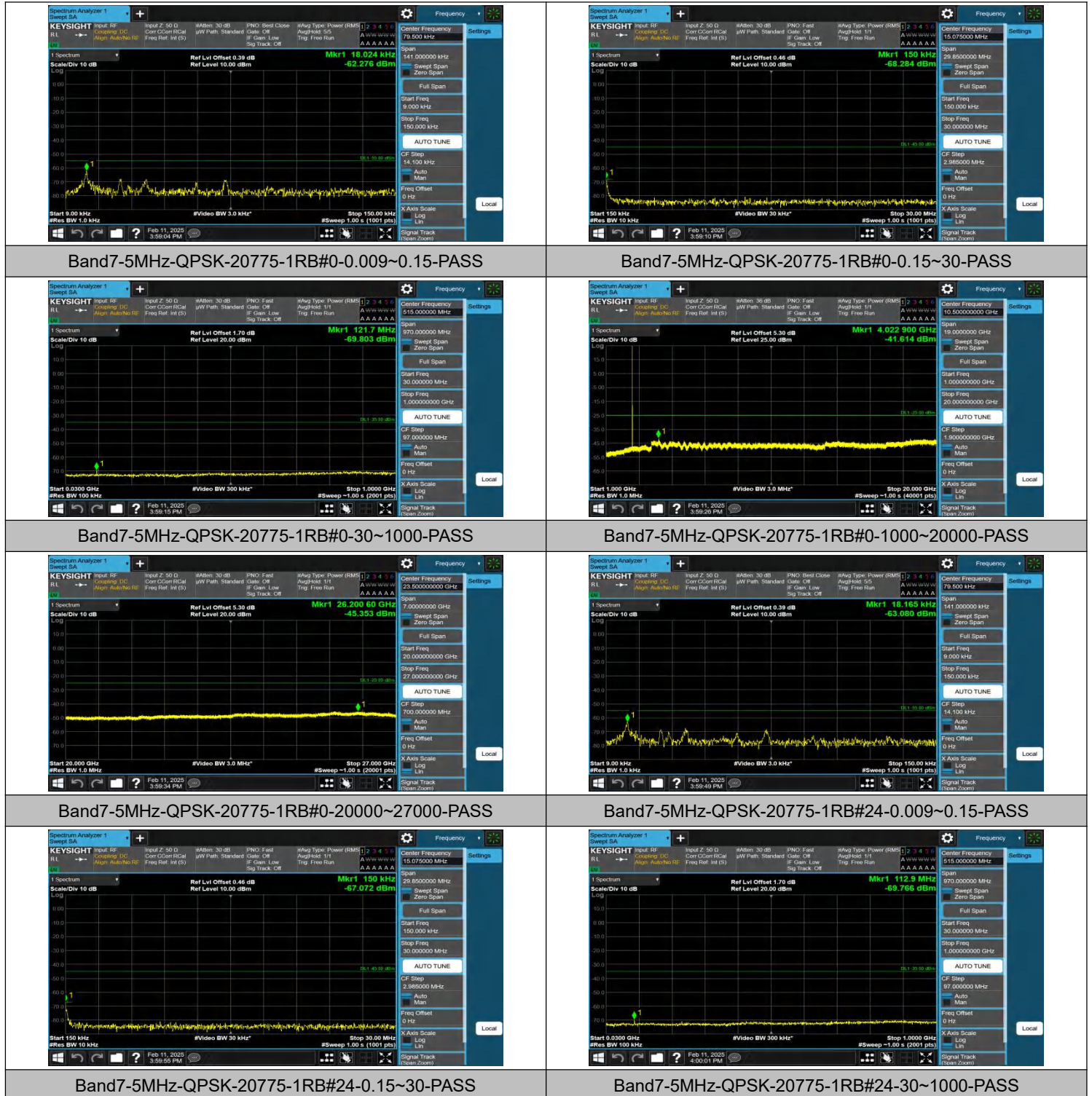
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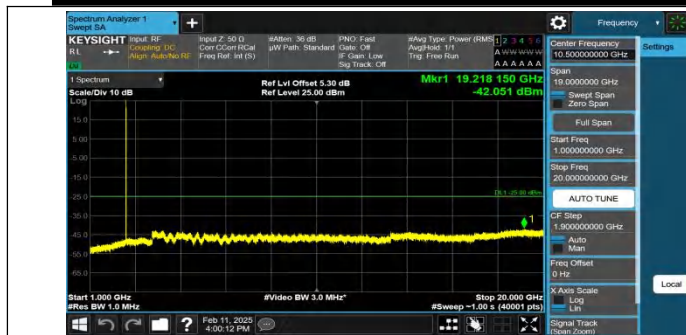


Band7-20MHz-QPSK-21350-1RB#99-PASS

Conducted Spurious Emission

Test Graphs

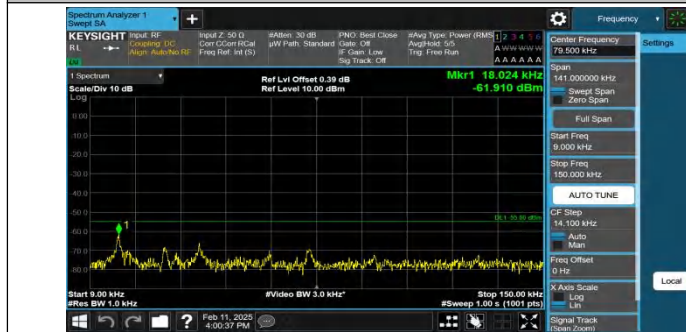




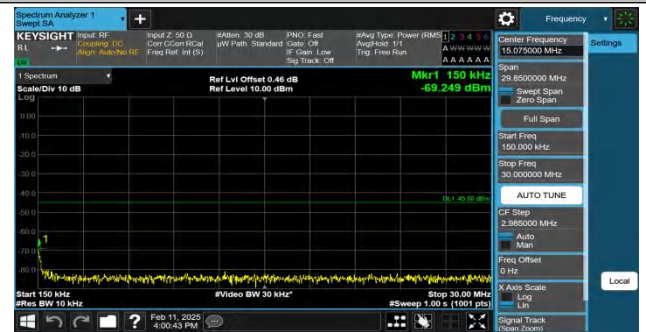
Band7-5MHz-QPSK-20775-1RB#24-1000~20000-PASS



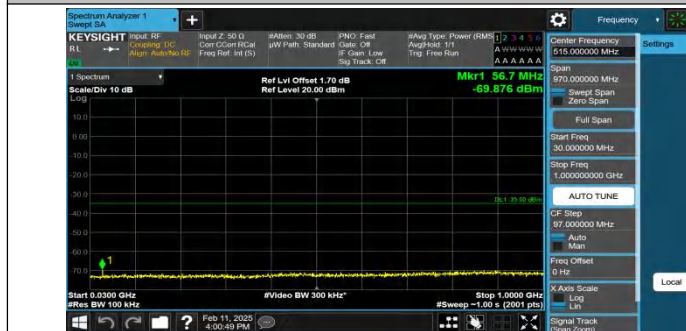
Band7-5MHz-QPSK-20775-1RB#24-20000~27000-PASS



Band7-5MHz-QPSK-21100-1RB#0-0.009~0.15-PASS



Band7-5MHz-QPSK-21100-1RB#0-0.15~30-PASS



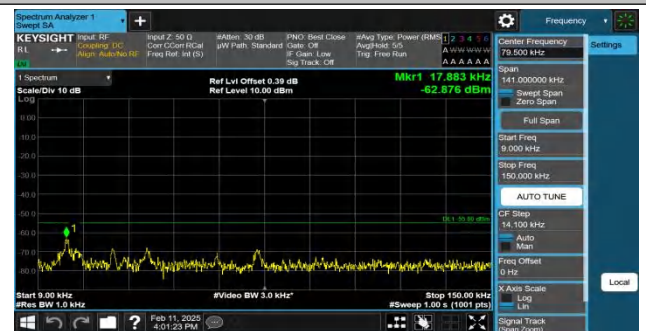
Band7-5MHz-QPSK-21100-1RB#0-30~1000-PASS



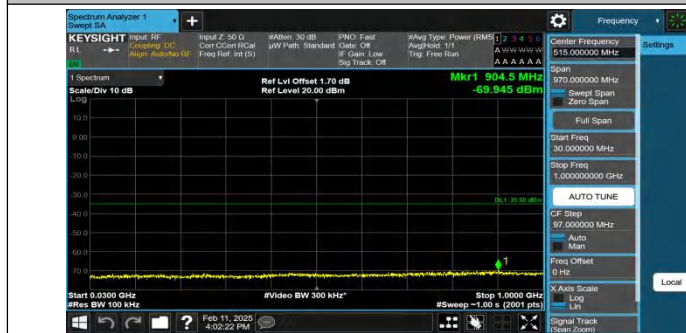
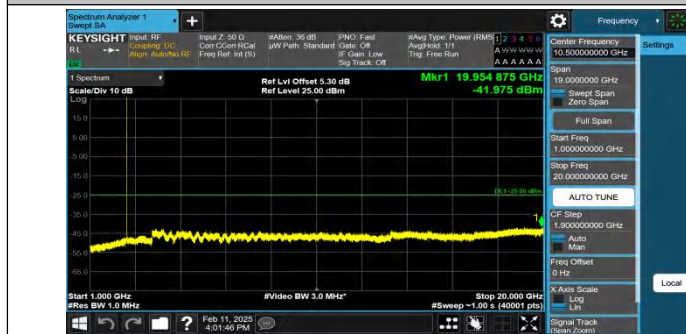
Band7-5MHz-QPSK-21100-1RB#0-1000~20000-PASS

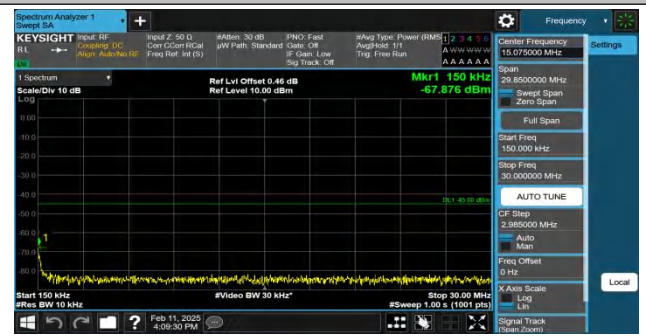
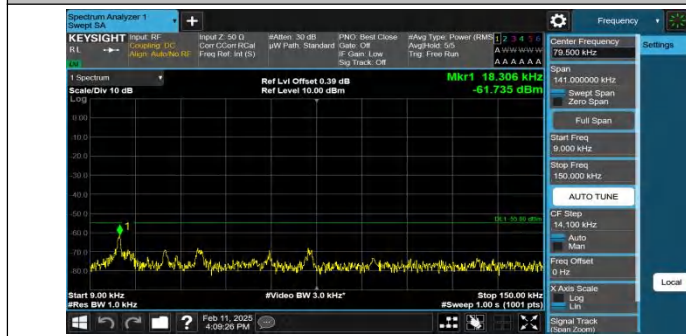
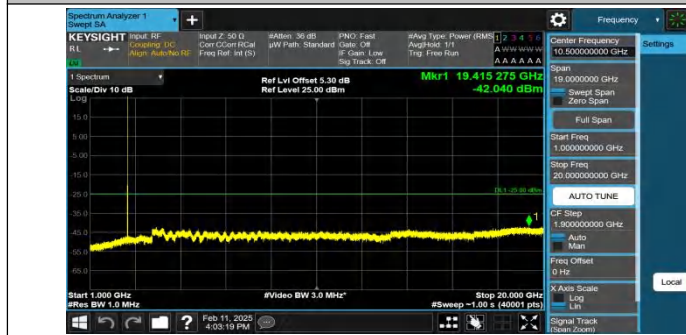
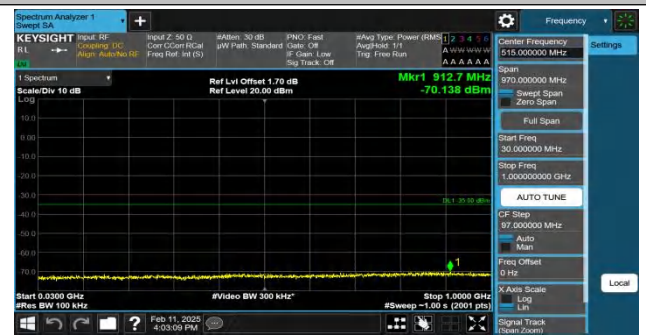
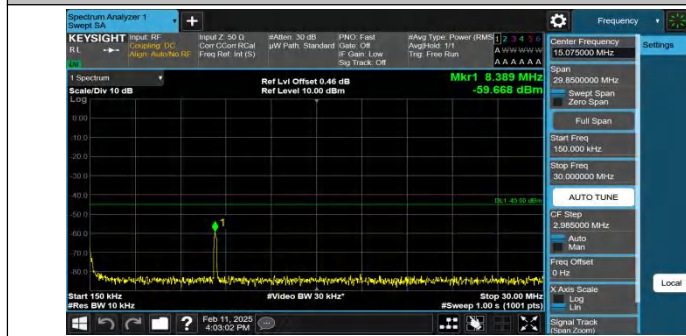
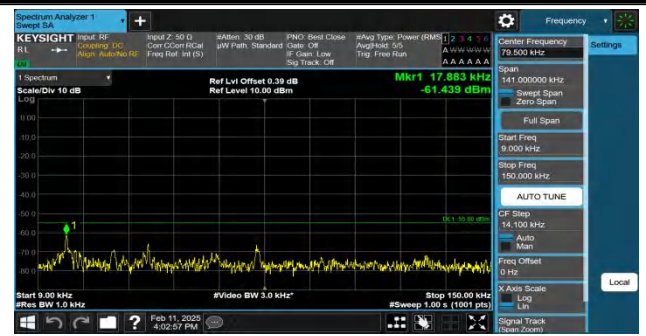
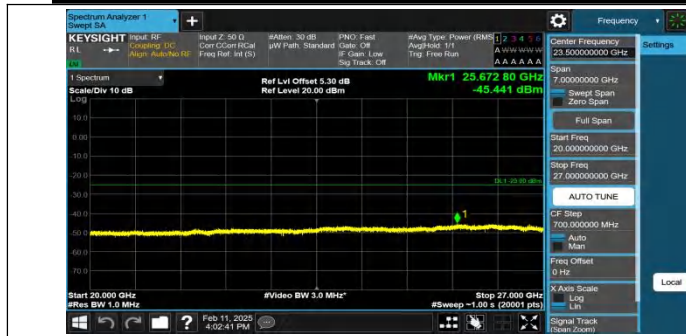


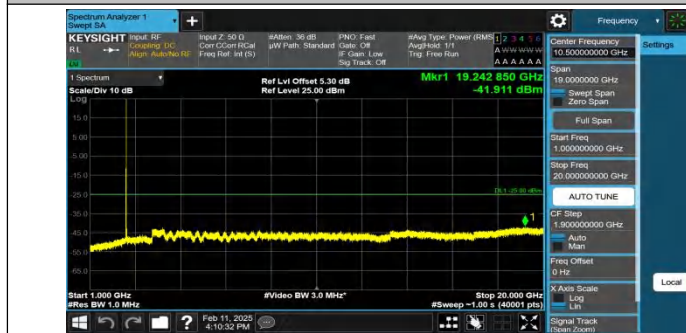
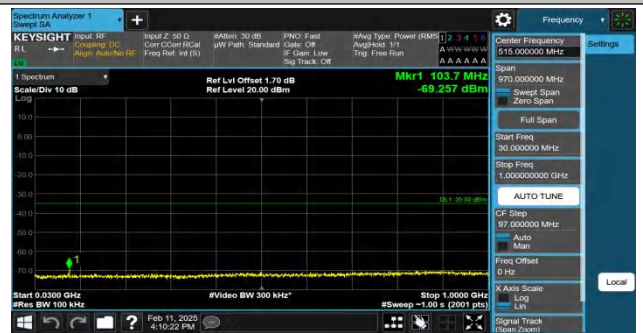
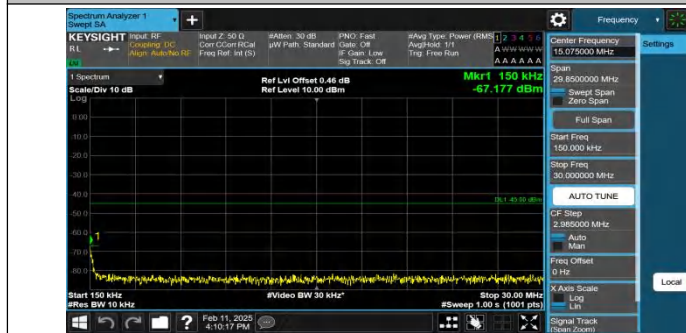
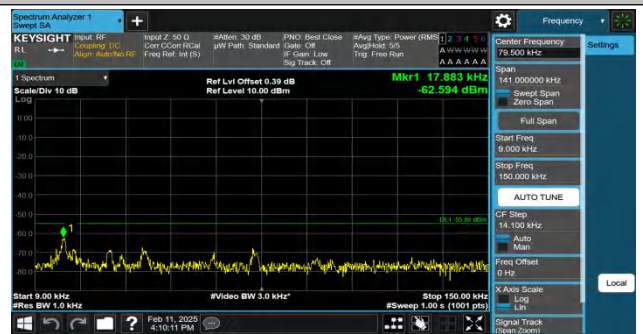
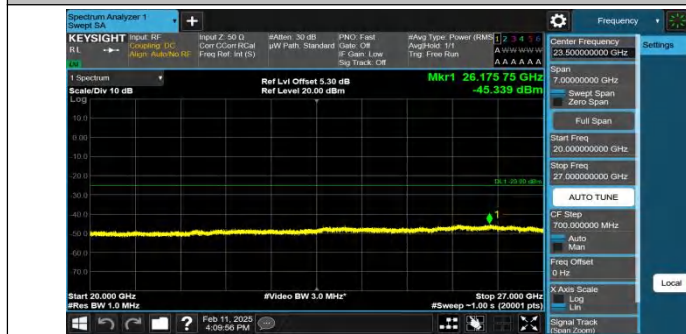
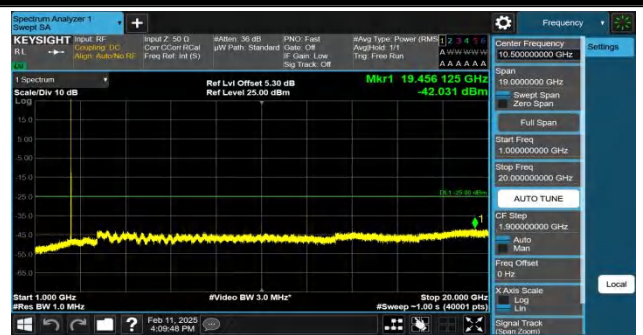
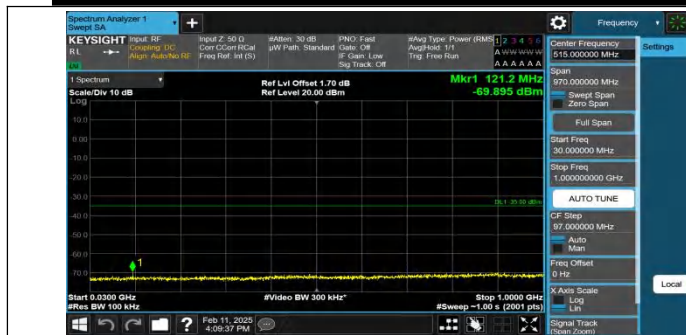
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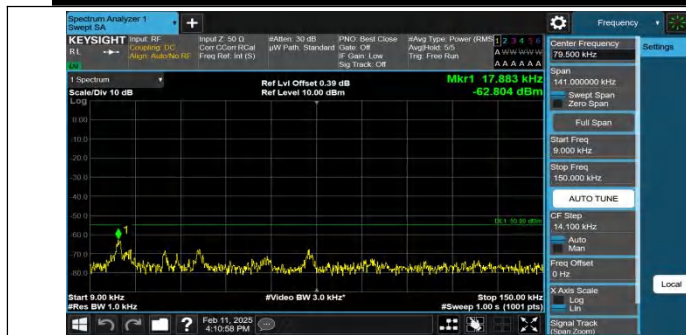


Band7-5MHz-QPSK-21100-1RB#24-0.009~0.15-PASS





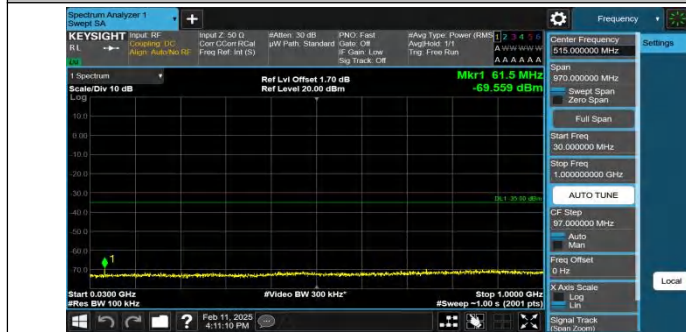




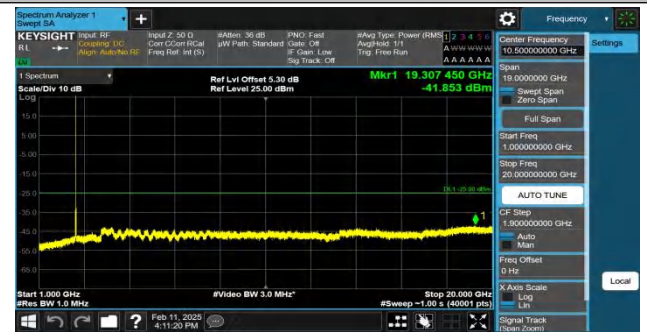
Band7-10MHz-QPSK-21100-1RB#0-0.009~0.15-PASS



Band7-10MHz-QPSK-21100-1RB#0-0.15~30-PASS



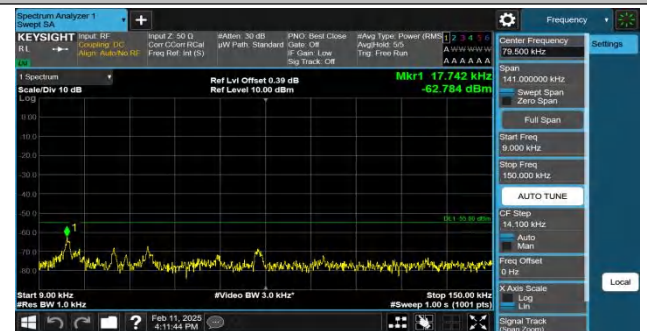
Band7-10MHz-QPSK-21100-1RB#0-30~1000-PASS



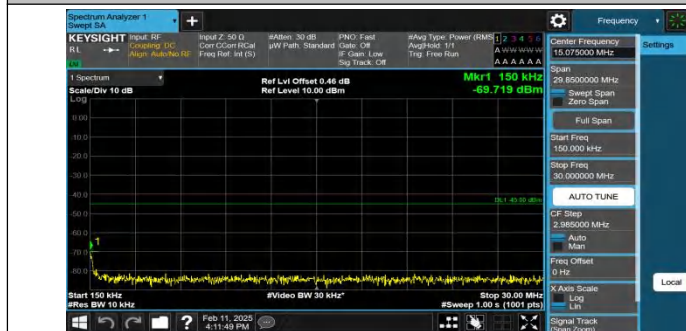
Band7-10MHz-QPSK-21100-1RB#0-1000~20000-PASS



Band7-10MHz-QPSK-21100-1RB#0-20000~27000-PASS



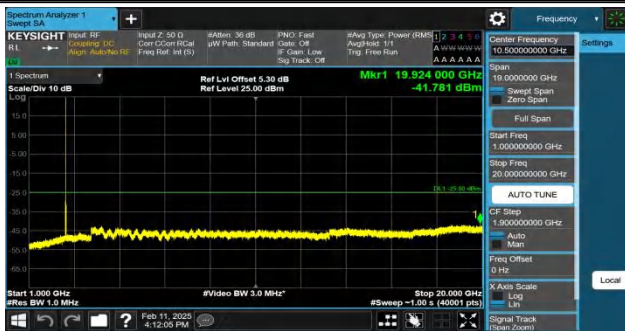
Band7-10MHz-QPSK-21100-1RB#49-0.009~0.15-PASS



Band7-10MHz-QPSK-21100-1RB#49-0.15~30-PASS



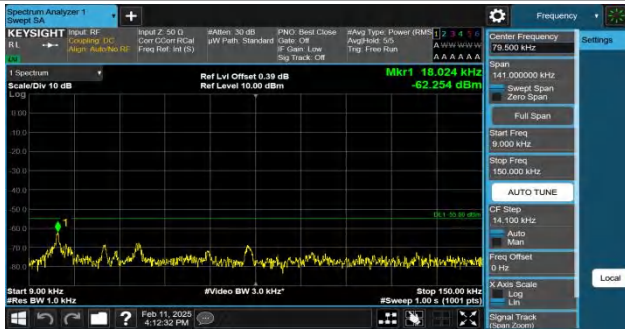
Band7-10MHz-QPSK-21100-1RB#49-30~1000-PASS



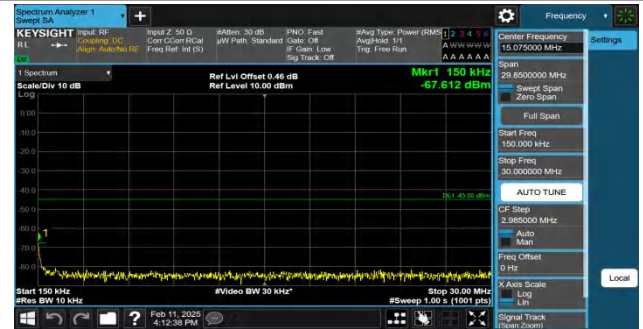
Band7-10MHz-QPSK-21100-1RB#49-1000~20000-PASS



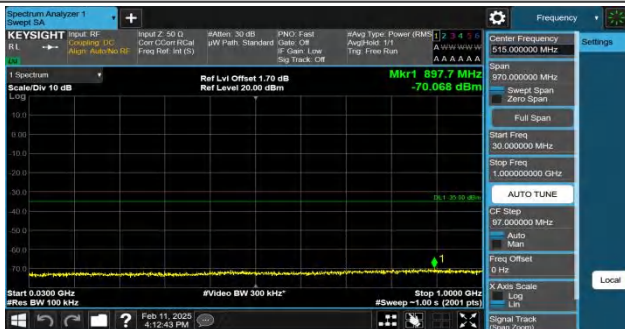
Band7-10MHz-QPSK-21100-1RB#49-20000~27000-PASS



Band7-10MHz-QPSK-21400-1RB#0-0.009~0.15-PASS



Band7-10MHz-QPSK-21400-1RB#0-0.15~30-PASS



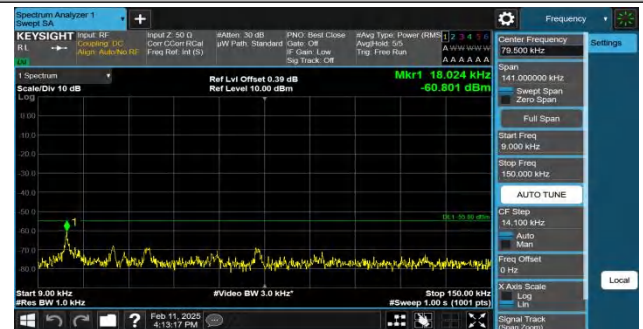
Band7-10MHz-QPSK-21400-1RB#0-30~1000-PASS



Band7-10MHz-QPSK-21400-1RB#0-1000~20000-PASS



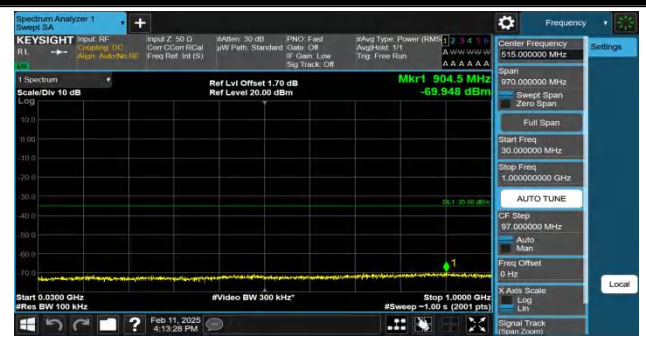
Band7-10MHz-QPSK-21400-1RB#0-20000~27000-PASS



Band7-10MHz-QPSK-21400-1RB#49-0.009~0.15-PASS



Band7-10MHz-QPSK-21400-1RB#49-0.15~30-PASS



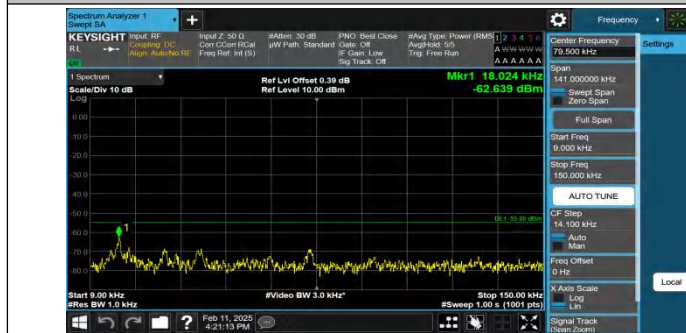
Band7-10MHz-QPSK-21400-1RB#49-30~1000-PASS



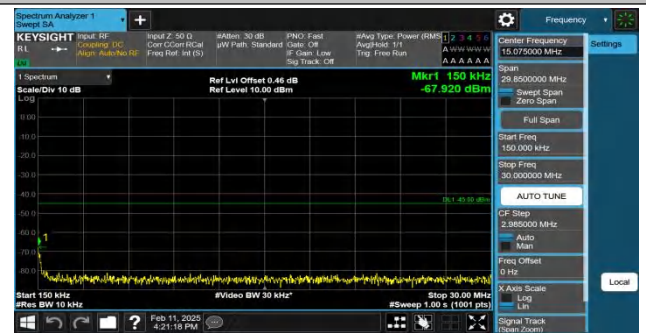
Band7-10MHz-QPSK-21400-1RB#49-1000~20000-PASS



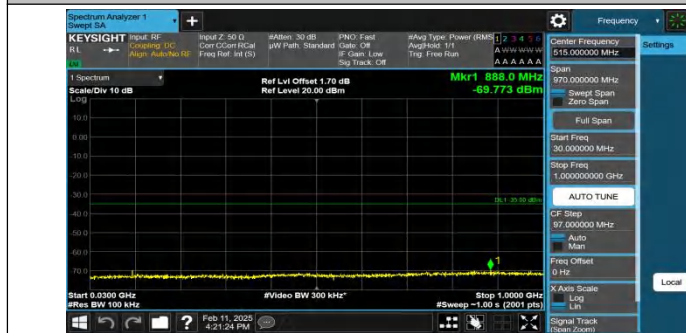
Band7-10MHz-QPSK-21400-1RB#49-20000~27000-PASS



Band7-15MHz-QPSK-20825-1RB#0-0.009~0.15-PASS



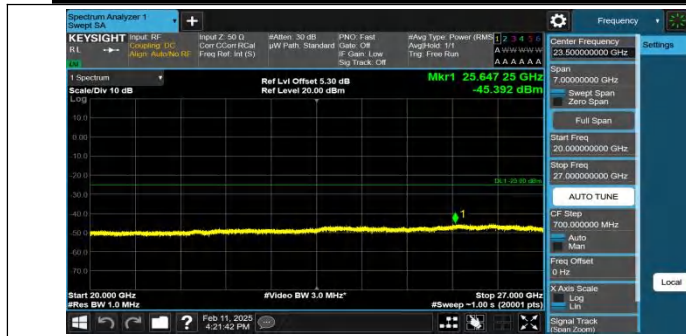
Band7-15MHz-QPSK-20825-1RB#0-0.15~30-PASS



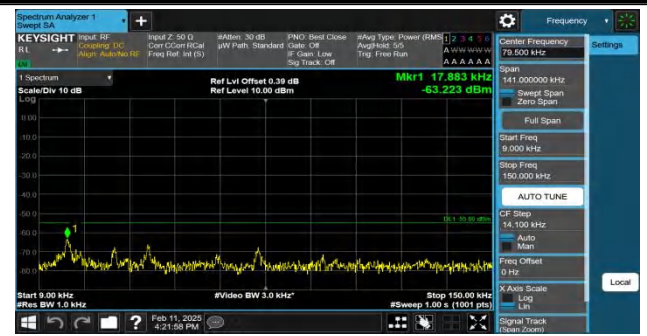
Band7-15MHz-QPSK-20825-1RB#0-30~1000-PASS



Band7-15MHz-QPSK-20825-1RB#0-1000~20000-PASS



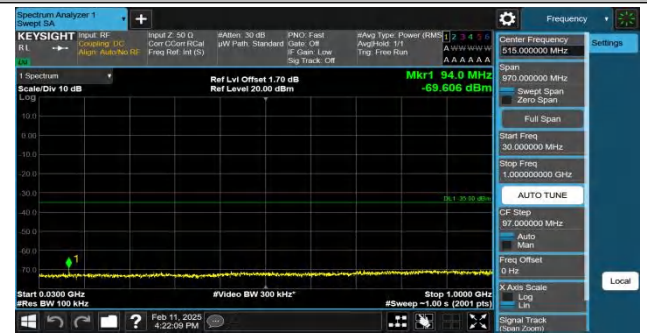
Band7-15MHz-QPSK-20825-1RB#0-20000~27000-PASS



Band7-15MHz-QPSK-20825-1RB#74-0.009~0.15-PASS



Band7-15MHz-QPSK-20825-1RB#74-0.15~30-PASS



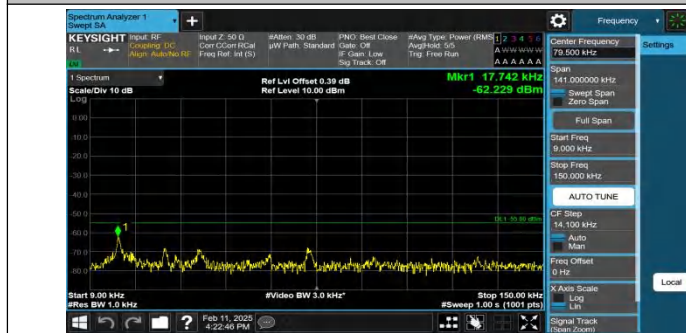
Band7-15MHz-QPSK-20825-1RB#74-30~1000-PASS



Band7-15MHz-QPSK-20825-1RB#74-1000~20000-PASS



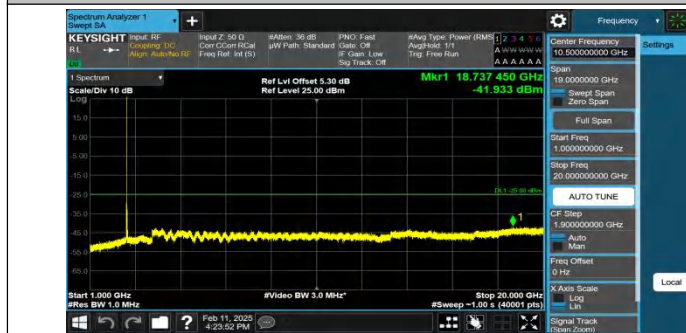
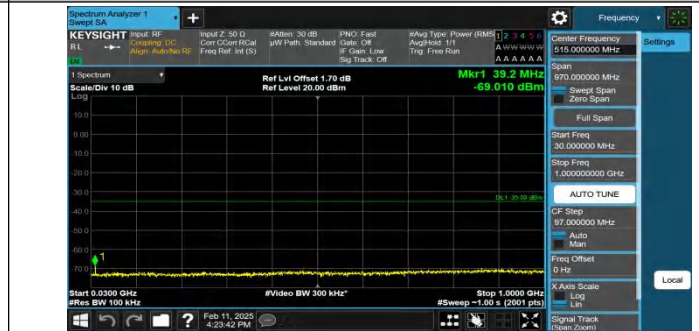
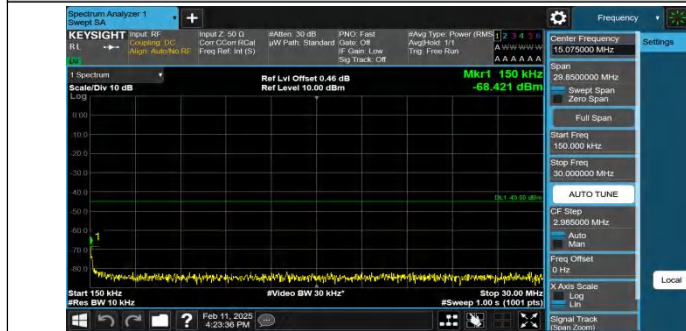
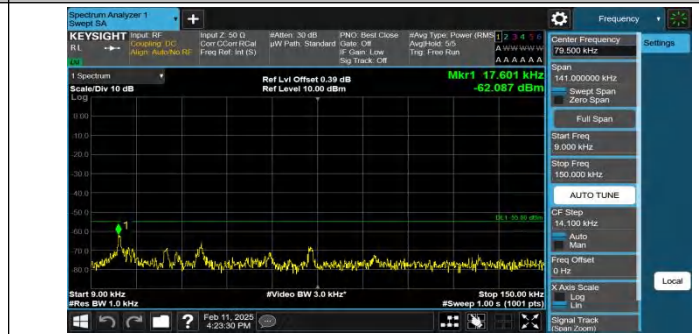
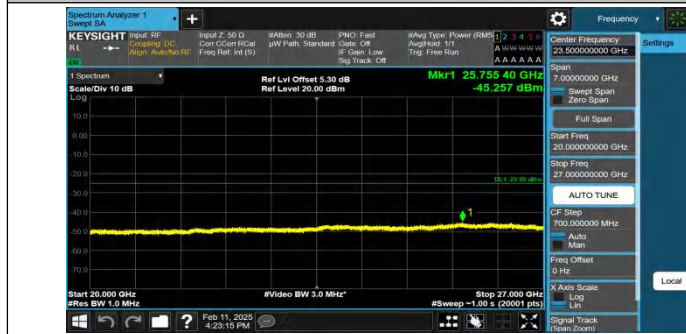
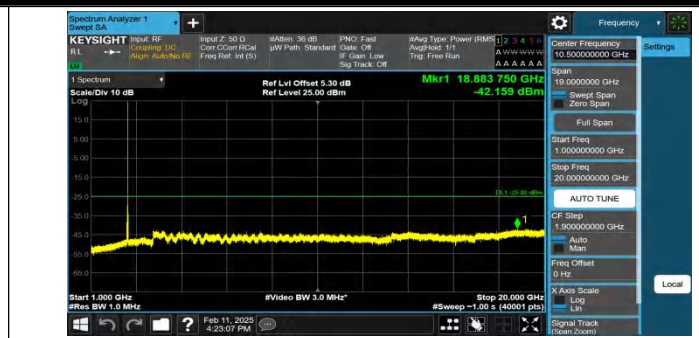
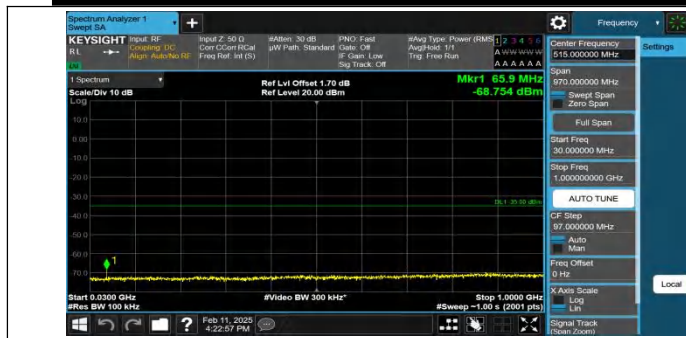
Band7-15MHz-QPSK-20825-1RB#74-20000~27000-PASS

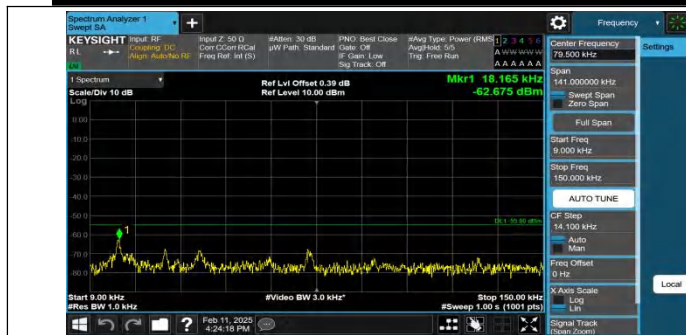


Band7-15MHz-QPSK-21100-1RB#0-0.009~0.15-PASS

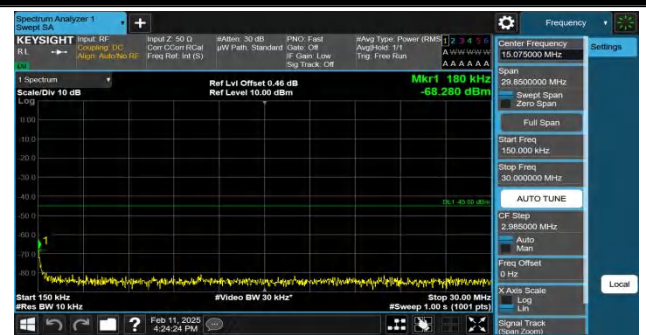


Band7-15MHz-QPSK-21100-1RB#0-0.15~30-PASS

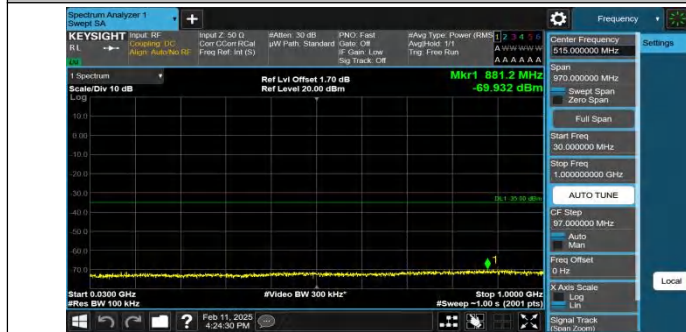




Band7-15MHz-QPSK-21375-1RB#0-0.009~0.15-PASS



Band7-15MHz-QPSK-21375-1RB#0-0.15~30-PASS



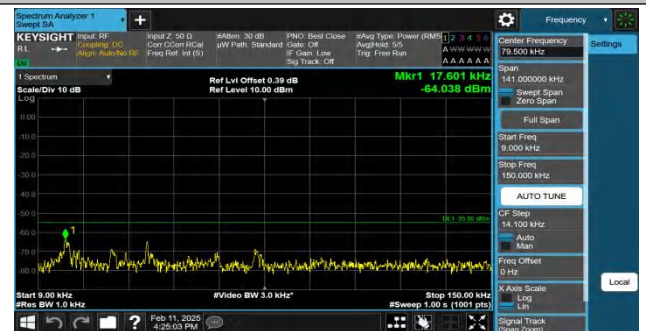
Band7-15MHz-QPSK-21375-1RB#0-30~1000-PASS



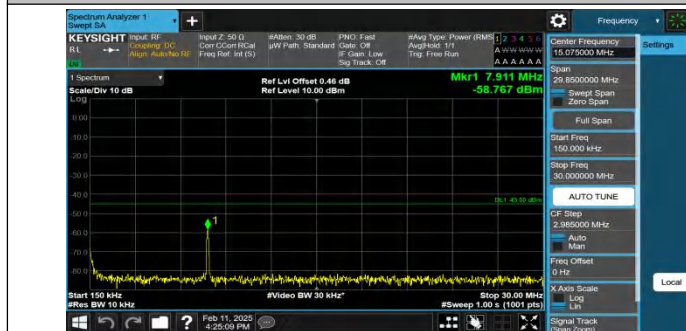
Band7-15MHz-QPSK-21375-1RB#0-1000~20000-PASS



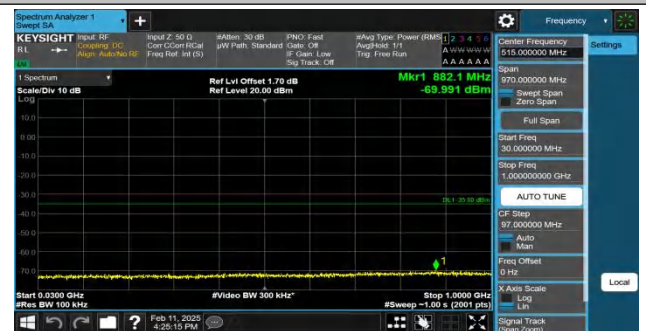
Band7-15MHz-QPSK-21375-1RB#0-20000~27000-PASS



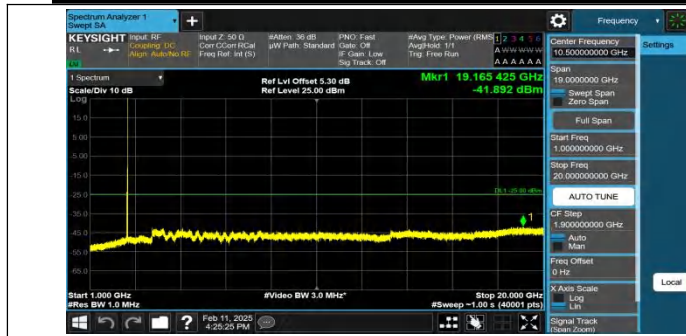
Band7-15MHz-QPSK-21375-1RB#74-0.009~0.15-PASS



Band7-15MHz-QPSK-21375-1RB#74-0.15~30-PASS



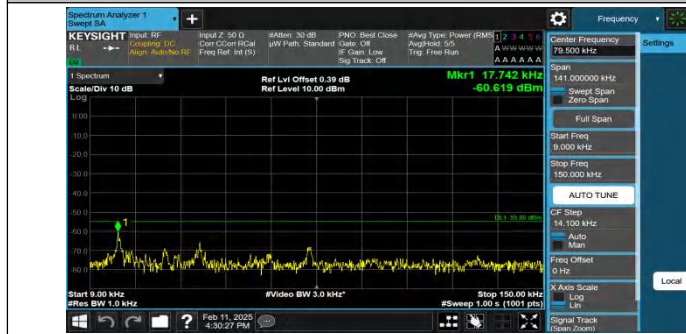
Band7-15MHz-QPSK-21375-1RB#74-30~1000-PASS



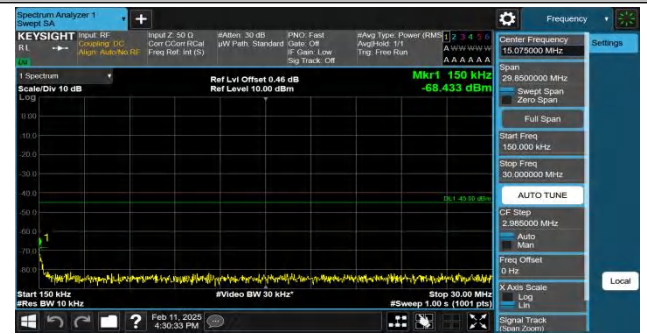
Band7-15MHz-QPSK-21375-1RB#74-1000~20000-PASS



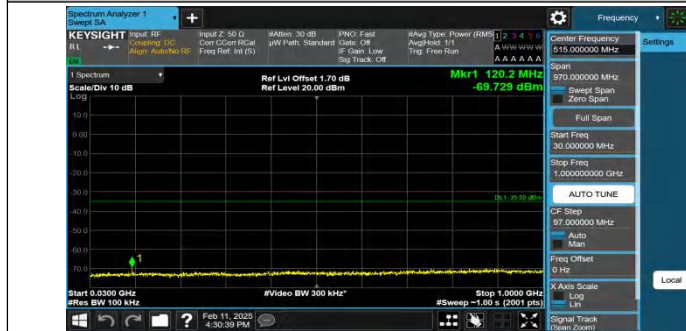
Band7-15MHz-QPSK-21375-1RB#74-20000~27000-PASS



Band7-20MHz-QPSK-20850-1RB#0-0.009~0.15-PASS



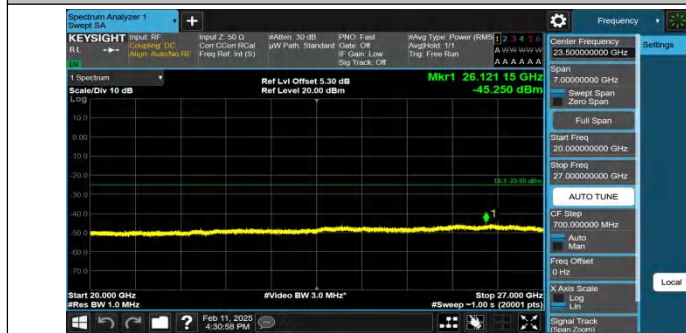
Band7-20MHz-QPSK-20850-1RB#0-0.15~30-PASS



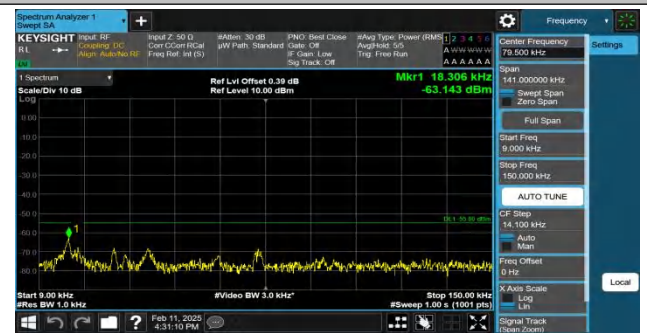
Band7-20MHz-QPSK-20850-1RB#0-30~1000-PASS



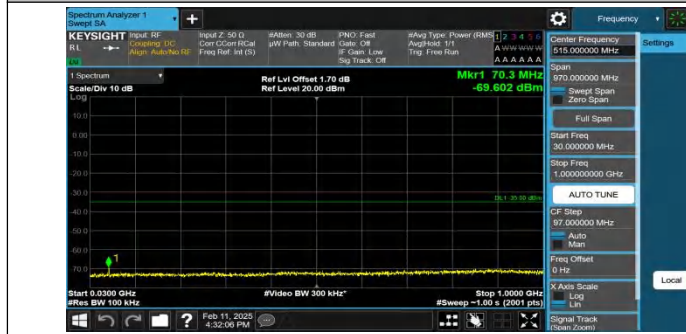
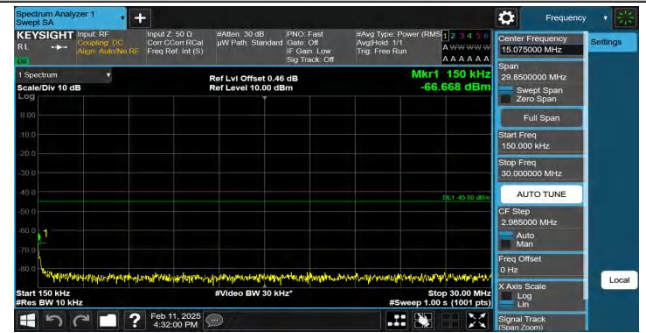
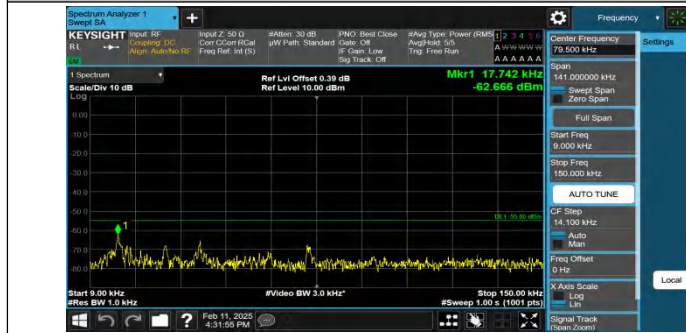
Band7-20MHz-QPSK-20850-1RB#0-1000~20000-PASS

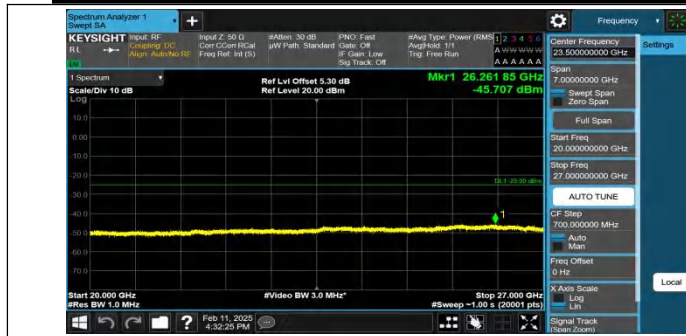


Band7-20MHz-QPSK-20850-1RB#0-20000~27000-PASS

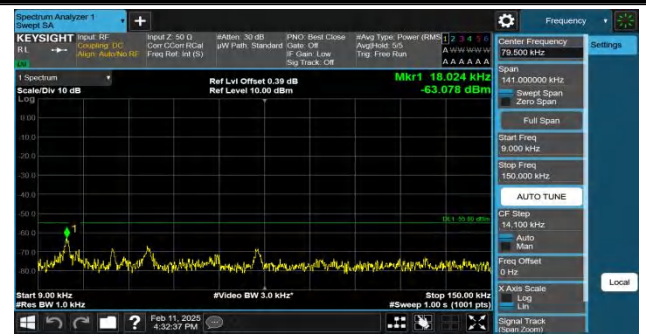


Band7-20MHz-QPSK-20850-1RB#99-0.009~0.15-PASS

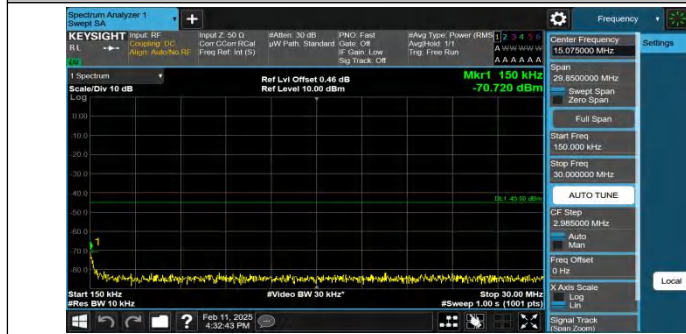




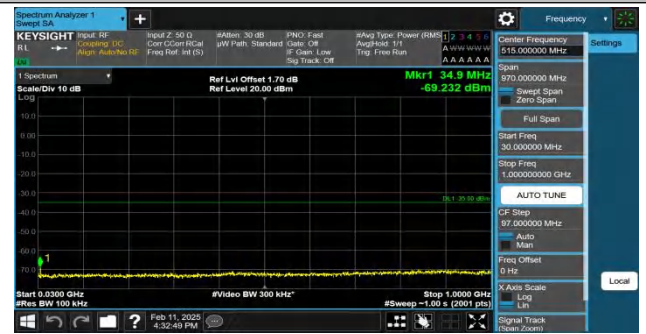
Band7-20MHz-QPSK-21100-1RB#0-20000~27000-PASS



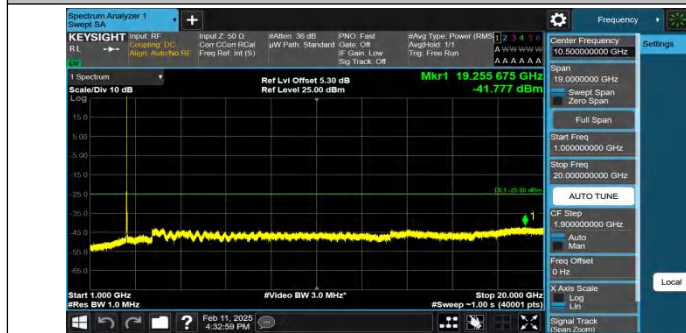
Band7-20MHz-QPSK-21100-1RB#99-0.009~0.15-PASS



Band7-20MHz-QPSK-21100-1RB#99-0.15~30-PASS



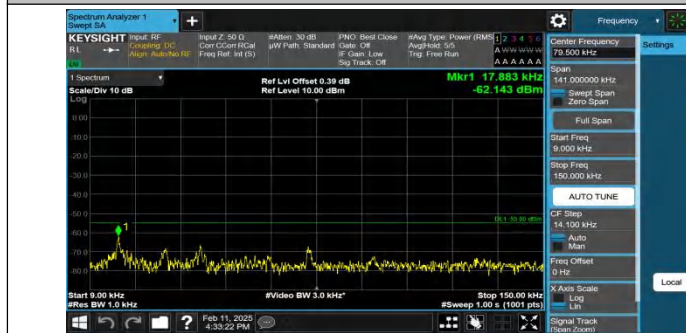
Band7-20MHz-QPSK-21100-1RB#99-30~1000-PASS



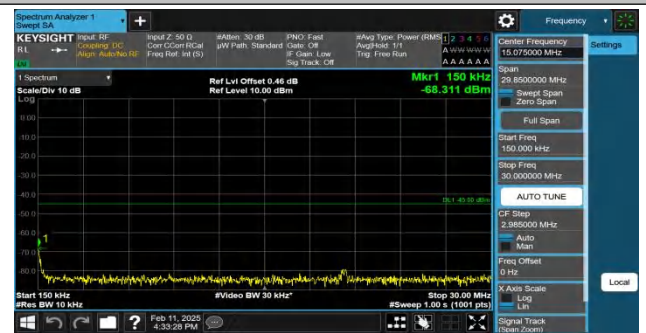
Band7-20MHz-QPSK-21100-1RB#99-1000~20000-PASS



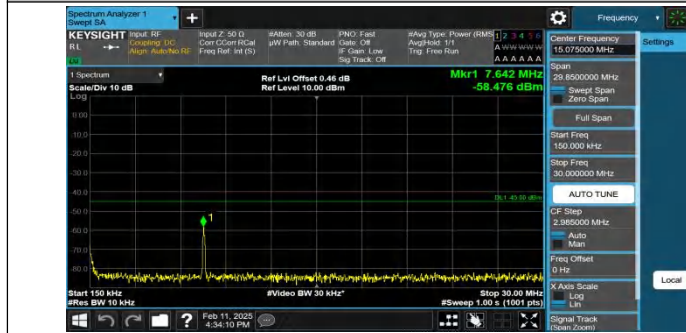
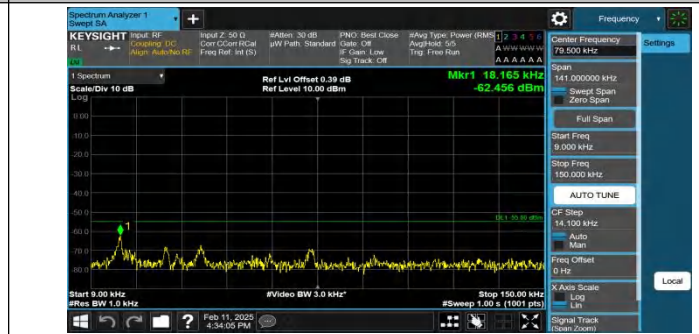
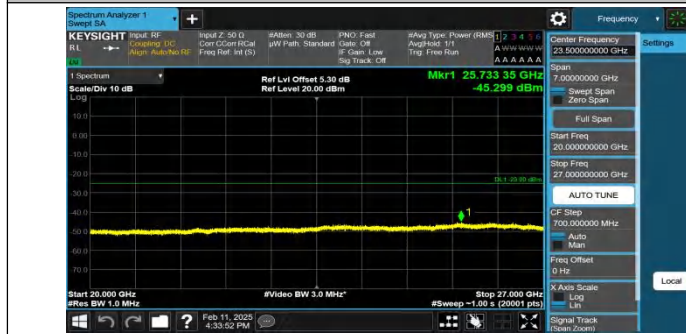
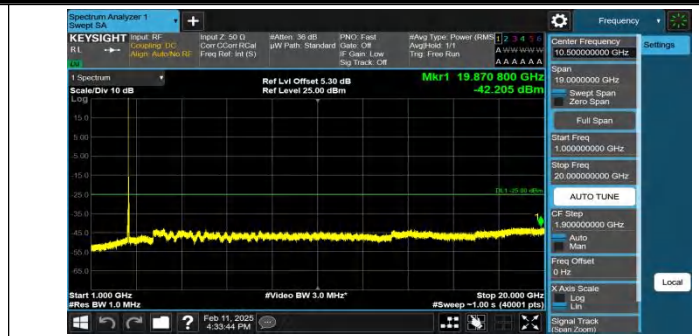
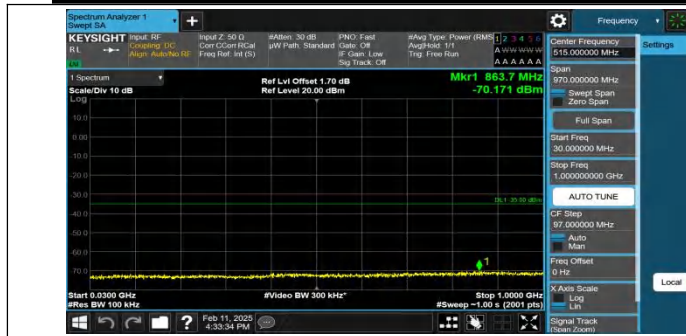
Band7-20MHz-QPSK-21100-1RB#99-20000~27000-PASS



Band7-20MHz-QPSK-21350-1RB#0-0.009~0.15-PASS



Band7-20MHz-QPSK-21350-1RB#0-0.15~30-PASS



Frequency Stability

Test Result

Voltage													
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band 7	20MHz	QPSK	21100	100RB#0	VN	NT	-13910.00	-5.487179	±NA	2526.07459	2543.89759	2500-2570	PASS
Band 7	20MHz	QPSK	21100	100RB#0	VL	NT	-8690.00	-3.428008	±NA	2526.07381	2543.90881	2500-2570	PASS
Band 7	20MHz	QPSK	21100	100RB#0	VH	NT	-5900.00	-2.327416	±NA	2526.0716	2543.9166	2500-2570	PASS

Temperature													
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band 7	20MHz	QPSK	21100	100RB#0	NV	-30	-3840.00	-1.514793	±NA	2526.07766	2543.91466	2500-2570	PASS
Band 7	20MHz	QPSK	21100	100RB#0	NV	-20	-9200.00	-3.629191	±NA	2526.0703	2543.9113	2500-2570	PASS
Band 7	20MHz	QPSK	21100	100RB#0	NV	-10	-9580.00	-3.779093	±NA	2526.07542	2543.90542	2500-2570	PASS
Band 7	20MHz	QPSK	21100	100RB#0	NV	0	-5470.00	-2.157791	±NA	2526.07703	2543.91203	2500-2570	PASS
Band 7	20MHz	QPSK	21100	100RB#0	NV	10	-11820.00	-4.662722	±NA	2526.06618	2543.91018	2500-2570	PASS
Band 7	20MHz	QPSK	21100	100RB#0	NV	20	-7990.00	-3.151874	±NA	2526.07801	2543.90601	2500-2570	PASS
Band 7	20MHz	QPSK	21100	100RB#0	NV	30	-4560.00	-1.798817	±NA	2526.08044	2543.91044	2500-2570	PASS
Band 7	20MHz	QPSK	21100	100RB#0	NV	40	2230.00	0.879684	±NA	2526.09223	2543.91223	2500-2570	PASS
Band 7	20MHz	QPSK	21100	100RB#0	NV	50	-20560.00	-8.110454	±NA	2526.06244	2543.89644	2500-2570	PASS

----- THE END -----